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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,152	12/31/2003	Jong-Hwa Lee	P24734	6981
7055	7590 08/30/2005		EXAMINER	
GREENBLUM & BERNSTEIN, P.L.C.			BEAULIEU, YONEL	
1950 ROLAND CLARKE PLĄCE RESTON, VA 20191			ART UNIT	PAPER NUMBER
•			3661	
			DATE MAILED: 08/30/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Enterwises of time may be available under the provisions of 3° CFR 1.35(s). In no event, however, may a reply be limitly filed  Enterwise of time may be available under the provisions of 3° CFR 1.35(s). In no event, however, may a reply be limitly filed  If the period for reply specified above is less than thirty (30) days, a reply whilin the statutory minimum or bitary (30) days will be considered timely.  If the period for reply specified above is less than thirty (30) days, a reply whilin the statutory minimum or bitary (30) days will be considered timely.  If the period for reply specified above is less than thirty (30) days, a reply whilin the statutory minimum or bitary (30) days will be considered timely.  If the period for reply specified above is less than thirty (30) days and reply and will expire \$100 (10) (30) (30) (30) (30) (30) (30) (30) (3		Application No.	Applicant(s)					
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- The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of their may be availated under the provisions of 37 CR1 130(a). In no event, however, may a raphy be timely filled by the considered time to the provisions of 37 CR1 130(a). In no event, however, may a raphy be timely filled by the considered timely. If the period for raphy specified bows, the maximum statutory seried with application to become AMANCOLED (SU U.S.C. § 133).  If the period for raphy specified shows, the maximum statutory seried with application to become AMANCOLED (SU U.S.C. § 133).  Shows that the period is period to the communication. Provision of the period of the communication of the period of the	Office Action Summary	Examiner	Art Unit					
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THE MAILING DATE OF THIS COMMUNICATION.  Enterwise of time may be available under the provision of 37 EPR 1.13(6). In no event, however, may a reply be timely filed after EX (8) MOXTHS from the mailing date of this communication.  It is a start of the provision of the provision of the communication of the provision of the provi	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address					
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Art Unit: 3661

## Specification

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

## Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Lee et al. (US 20050159868; 20050137768; and 20050102078) all teach related method for measuring an absolute steering angle of a steering shaft for a vehicle.

This application is in condition for allowance except for the following formal matters: as to the abstract as discussed above.

Art Unit: 3661

Prosecution on the merits is closed in accordance with the practice under *Ex* parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO**MONTHS from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yonel Beaulieu whose telephone number is (571) 272-6955. The examiner can normally be reached on M-W 9-3; F 9-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas BLACK can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3661

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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